

**BEFORE THE PUBLIC UTILITIES COMMISSION  
OF THE STATE OF CALIFORNIA**



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Application of the PACIFIC GAS AND ELECTRIC  
COMPANY for Approval of 2008-2020 Air  
Conditioning Direct Load Control Program

Application No. 07-04-009

**PROTEST OF THE UTILITY REFORM NETWORK  
TO APPLICATION 07-04-009**



May 11, 2007

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# **PROTEST OF THE UTILITY REFORM NETWORK TO APPLICATION 07-04-009**

## **I. INTRODUCTION**

Pursuant to Rule 2.6 of the Commission's Rules of Practice and Procedure, The Utility Reform Network (TURN) hereby protests the application of the Pacific Gas and Electric Company (PG&E) for approval of its 2008-2020 Air Conditioning Direct Load Control Program. PG&E's application was filed on April 6, 2007 and noticed in the Commission's April 11, 2007 Daily Calendar. As such this protest is timely filed.

In this application, PG&E has proposed to spend \$362 million in ratepayer funds to add up to 300 MW of potential load reduction by 2010 through an air conditioning direct load control program. While TURN generally supports air conditioner cycling programs as an effective means of achieving demand response (DR) goals, PG&E's program, as proposed, is not a cost-effective means of achieving its desired goals. In the following section, TURN has identified its grounds for protest as well as specific policy and factual issues that need to be examined to determine whether the proposed program should be approved.

## **II. GROUNDS FOR PROTEST**

### ***A. PG&E's AC Cycling program is not cost effective as proposed.***

PG&E's analysis shows that its proposed AC Cycling program is not cost effective. According to PG&E's Total Resource Cost-Effectiveness test, PG&E's proposal has a cumulative benefit/cost ratio of 0.702.<sup>1</sup> By PG&E's definition, this program will not provide a net economic benefit to society.<sup>2</sup> In order to ensure that PG&E's program is cost-effective, the Commission should investigate whether other alternatives for AC load control technologies or program design than those proposed by PG&E could provide greater benefits to ratepayers.

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<sup>1</sup> PG&E Testimony, 6-1.

<sup>2</sup> PG&E Testimony, 6-4.

***B. PG&E's proposal to implement a "soft trigger" for calling demand response events is vague.***

PG&E proposes to dispatch its AC cycling program using a "soft trigger" that will give the utility discretion as to when to call an event. Although PG&E provides some examples of the types of circumstances that would trigger an event, this application does not contain sufficient detail regarding the use of a soft trigger or how the results of calling discretionary events will be tracked. While TURN generally supports the idea of using soft triggers in addition to the traditional emergency event triggers, PG&E should provide the Commission with more detail in order to assess the value of such a program.

***C. PG&E should coordinate with the CAISO to maximize ratepayer benefits.***

In this application, PG&E proposes to count the AC cycling program towards its Resource Adequacy requirements.<sup>3</sup> In recent comments regarding the Commission's Rulemaking to Consider Refinements to and Further Development of the Commission's Resource Adequacy Requirements Program on the California Independent System Operator (CAISO) urged the Commission to exclude currently structured emergency-based DR programs (e.g., AC Cycling programs called in Stage 2 emergency events) from the Resource Adequacy program.<sup>4</sup> The CAISO did, however, envision the inclusion of reliability-based DR programs (e.g., "day-of" programs) that can be triggered sooner than a declared emergency as well as other non-reliability based triggers. Although PG&E has proposed the use of a soft trigger, it has not indicated how and if its program will conform to the CAISO's needs.

DR programs need to be designed to better reflect the CAISO's needs before ratepayers can benefit from changes to CAISO scheduling and procurement practices. The Commission should evaluate how PG&E's program can be designed to conform to the CAISO's needs and increase ratepayer value.

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<sup>3</sup> PG&E Testimony, 2-4,

<sup>4</sup> R.05-12-013, Post Workshop Reply Comments of the California Independent System Operator Corporation on Resource Adequacy Phase 2, Track 1 Proposals, April 20, 2007, pp. 11-13.

***D. The Commission should investigate how PG&E's AC Cycling program interacts with PG&E's AMI project***

PG&E states that its AC Cycling program complements its advanced metering infrastructure program, SmartMeter.<sup>5</sup> The concurrent roll out of both the SmartMeter and AC cycling Program has the potential for creating redundant costs for ratepayers. The Commission should evaluate whether and how this AC cycling program can benefit from PG&E's existing SmartMeter program beyond just the measurement and verification of load reductions.

**III. Proceeding Categorization and Need for Hearings**

TURN agrees with the utilities' proposed categorization of this proceeding as a "ratesetting," and TURN requests that hearings be held to address the factual issues in this proceeding.<sup>6</sup>

**IV. Proposed Procedural Schedule**

PG&E has proposed an extremely aggressive schedule, with DRA and intervenor testimony scheduled to be due on May 23, 2007. PG&E's proposed schedule does not provide sufficient time to conduct the discovery and analysis that is necessary to evaluate the proposed program. PG&E has a 5 MW AC Cycling program in place for the summer of 2007 and demand response programs for 2006-2008 have already been approved. This AC Cycling Program would be in addition to these existing programs and is not critical for reliability in 2008. Extending the schedule beyond PG&E's projected November 2007 decision will not harm PG&E customers and, given the fact that this program will cost ratepayers \$362 million and is not cost-effective, the Commission should not speed this application through a hasty review process. TURN

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<sup>5</sup> PG&E Testimony, 1-8.

<sup>6</sup> This proceeding has been preliminarily categorized as ratesetting and set for hearings. Resolution ALJ 176-3190, April 12, 2007.

requests that the Commission set a more reasonable and realistic schedule for testimony and hearings.

## **V. CONCLUSION**

For the reasons presented above, TURN protests Application 07-04-009 and requests that that the Commission schedule a prehearing conference to discuss discovery issues and set a procedural schedule.

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Respectfully submitted,

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I, Larry Wong, certify under penalty of perjury under the laws of the State of California that the following is true and correct:

On May 11, 2007 I served the attached:

**PROTEST OF THE UTILITY REFORM NETWORK  
TO APPLICATION 07-04-009**

on all eligible parties on the attached lists to **A.07.04.009**, by sending said document by electronic mail to each of the parties via electronic mail, as reflected on the attached Service List.

Executed this May 11, 2007, at San Francisco, California.

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